



Technical Standards and Safety Authority
 345 Carlingview Drive
 Toronto, Ontario M9W 6N9
 www.tssa.org

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below

Swagelok

STATUTORY DECLARATION

Registration of Fittings

I, David H. Peace, Vice President of Engineering
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Swagelok Company
(Name of Manufacturer)

Located at 29500 Solon Road, Solon, Ohio 44139 USA (Plant Address) (440) 248-4600 (Telephone No.) (440) 349-5970 (Fax No.)

do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of ASME B31.1 for unlisted components where applicable, and ASME B31.3 for unlisted components where applicable
(Title of recognized North American Standard)
 which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with _____ as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001:2015 which has been verified by the following authority, BSI

The items covered by this declaration, for which I seek registration, are category C. Valves type fittings. In support of this application, the following information and/or test data are attached as follows:

ISO 9001:2015 Certificate, Attachment A, Attachment B, Catalog Information and other Support Documents
(drawings, calculations, test reports, etc.)

Declared before me at Solon in the State of Ohio
 the 15th day of Feb AD 2018.

Commissioner for Oaths:

Jamie L Ristau
(Printed name)
Jamie L Ristau
(Signature)

Jamie L Ristau
 Resident Portage County
 Notary Public, State of Ohio
 My Commission Expires: 03/06/2019

[Signature]
(Signature of Declarer)

FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category C

CRN: OC 20290.5

Registered by: [Signature]

Dated: April 24, 2018

NOTE: This registration expires on: April 24, 2028

Technical Standards and Safety Authority
 Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N. OC20290.5

Signed: [Signature]

Date: April 24, 2018

For scope of registration please see attached the stamped documents (attachment A and B)

Attachment A. Swagelok Manufacturing Locations

This document lists the Swagelok locations where end item or component level manufacturing activities take place.

| | |
|---|--|
| Swagelok Company 29500 Solon Road Solon, Ohio 44139 USA | Swagelok Company (Falon 1) 348 Bishop Road Highland Heights, Ohio 44143 USA |
| Swagelok Company (Highland) 318 Bishop Road Highland Heights, Ohio 44143 USA | Swagelok Company (Falon 2) 358 Bishop Road Highland Heights, Ohio 44143 USA |
| Swagelok Company (OFC) 29495 F.A. Lennon Drive Solon, Ohio 44139 USA | Swagelok Company (HPF) 6050 Cochran Road Solon, Ohio 44139 USA |
| Swagelok Company (Atlantic) 26651 Curtiss Wright Parkway Willoughby Hills, Ohio 44092 USA | Swagelok Company (Snow Metal) 6060 Cochran Road Solon, Ohio 44139 USA |
| Swagelok Company (Micro) 26653 Curtiss Wright Parkway Willoughby Hills, Ohio 44092 USA | Swagelok Company (Alfred) 29500 Ambina Drive Solon, Ohio 44139 |
| Swagelok Hose Services Company (SHSC) 29900 Solon Industrial Parkway Solon, Ohio 44139 | Swagelok Company (Strongsville) 15400 Foltz Road Strongsville, Ohio 44119 |
| Swagelok (China) Fluid System Technologies Ltd. Changshu Export Process Zone Changshu Economic Development Zone Changshu, Jiangshu 215513 China | Swagelok Company A.G. (European Technology Center) St. Gallerstraße 84 Lachen, Switzerland 8853 Switzerland |
| Swagelok Limited Tromode IM4 4RA Isle of Man | |





Attachment B. Scope of Registration for Swagelok XS Series Excess Flow Valves (Category C)

Product Scope

This document represents the scope of Swagelok® XS Excess Flow Valves covered by this submission for CRN approval. These products were designed and evaluated in accordance with ASME B31.1 for unlisted components and ASME B31.3 for unlisted components.

Summary Table

| Product Series | Main Pressure Bearing Component | Main Pressure Bearing Material (Standard) | Port Connections and Sizes | Maximum Allowable Working Pressure (psig) | | Design Code of Construction |
|----------------|---------------------------------|---|---|---|-------------------|---|
| | | | | @100°F | @400°F (max temp) | |
| XS4 | Body | 316 SS (ASTM A479) | Tube Fitting 1/4", 6MM Female NPT 1/8", 1/4" Male NPT 1/8", 1/4" Male ISO 1/4" Male VCO fitting 1/4" Male VCR fitting 1/4" | 6000 psig | 4280 psig | ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components) |
| XS6 | Body | 316 SS (ASTM A479) | Tube Fitting 3/8", 8MM, 10MM Male NPT 3/8" | 6000 psig | 4280 psig | |
| | | | Female NPT 3/8" | 5300 psig | 3789 psig | |
| XS8 | Body | 316 SS (ASTM A479) | Tube Fitting 1/2", 12MM Male NPT 1/2" Male ISO 1/2" Male VCO fitting 1/2" | 6000 psig | 4280 psig | |
| | | | Female SAE/MS 1/2" Male SAE/MS 1/2" | 4568 psig | | |
| | | | Female ISO 1/2" Female NPT 1/2" | 4900 psig | 3503 psig | |
| | | | Male VCR fitting 1/2" | 4300 psig | 3074 psig | |



Product Illustration



Typical Product Characteristics:

Additional options that do not affect pressure-temperature ratings may be made available within the scope of this registration. Examples of these would include, but not be limited to, poppet springs, lubricants, and body seal materials.

Quality System

The Swagelok Company quality system complies with the requirements of ISO 9001:2015. The Swagelok Company maintains British Standards Institution Certificate of Registration Number FM 01729, which applies to all locations listed on the Certificate.

Special Ordering Instructions

None

References

The following product catalog does not represent the full scope of registration, but rather details some of the most common options.

- Industrial Excess Flow Valves MS-01-110 R9

